

WHAT IS CLAIMED IS:

1. A bushing comprising, in combination:
an outer shell having an inner cylindrical surface interrupted by a
radially inwardly displaced wall portion;
5 an inner bearing sleeve disposed within the shell in a press-fit
relationship and overlying the inwardly displaced wall portion;
that portion of the inner bearing sleeve overlying the inwardly
displaced wall portion being of a sufficiently reduced wall thickness to provide a
constant inside diameter for the inner bearing sleeve; and
10 the inside diameter of the inner bearing sleeve sized to provide a
smooth running fit between the inner sleeve and a shaft extending through and
supported in the bushing.
2. The bushing of claim 1 wherein the radially inwardly
displaced portion extends circumferentially around the inside of the outer shell.
- 15 3. The bushing of claim 2 wherein said inwardly displaced
portion comprises a discontinuous ring of circumferentially spaced apart ring
segments.
4. The bushing of claim 2 wherein said inwardly displaced
portion comprises a continuous circumferential rib projecting radially inwardly from
20 the cylindrical wall of the sleeve.
5. The bushing of claim 1 wherein the radially inward
displacement of the wall portion of the shell is greater than the running clearance
between a shaft supported in the bearing and the inside diameter of the inner sleeve.
6. The bushing of claim 1 wherein the inner bearing sleeve is
25 formed of a fiber reinforced plastic.

7. The bushing of claim 1 wherein the shell is relatively rigid and the inner sleeve is resiliently deformable to squeeze over the inwardly displaced wall portion of the shell when the inner sleeve is pressed coaxially into the shell.

5 8. The bushing of claim 1 wherein the shell is relatively rigid and the inner sleeve is resiliently deformable to squeeze over the inwardly displaced wall portion of the shell when the inner sleeve is pressed coaxially into the shell.

9. The method of making a bushing comprising:
providing a relatively rigid shell having a cylindrical bore interrupted
by a radially inwardly displaced wall portion forming a constriction in such bore;
10 providing a resilient bearing sleeve sized to be press fitted into said bore;
pressing said sleeve axially into said sleeve bore and beyond said
constriction and causing the sleeve to embrace the constriction; and
reaming the sleeve bore to provide a uniform internal diameter.